

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082310.D
 Acq On : 23 May 2024 10:30
 Operator : JC\MD
 Sample : VN0523MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523MBL01

Quant Time: May 24 04:13:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	162040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136021	53.161	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.320%	
35) Dibromofluoromethane	8.171	113	95826	53.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.660%	
50) Toluene-d8	10.571	98	369856	54.196	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.853	95	122351	50.231	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.460%	

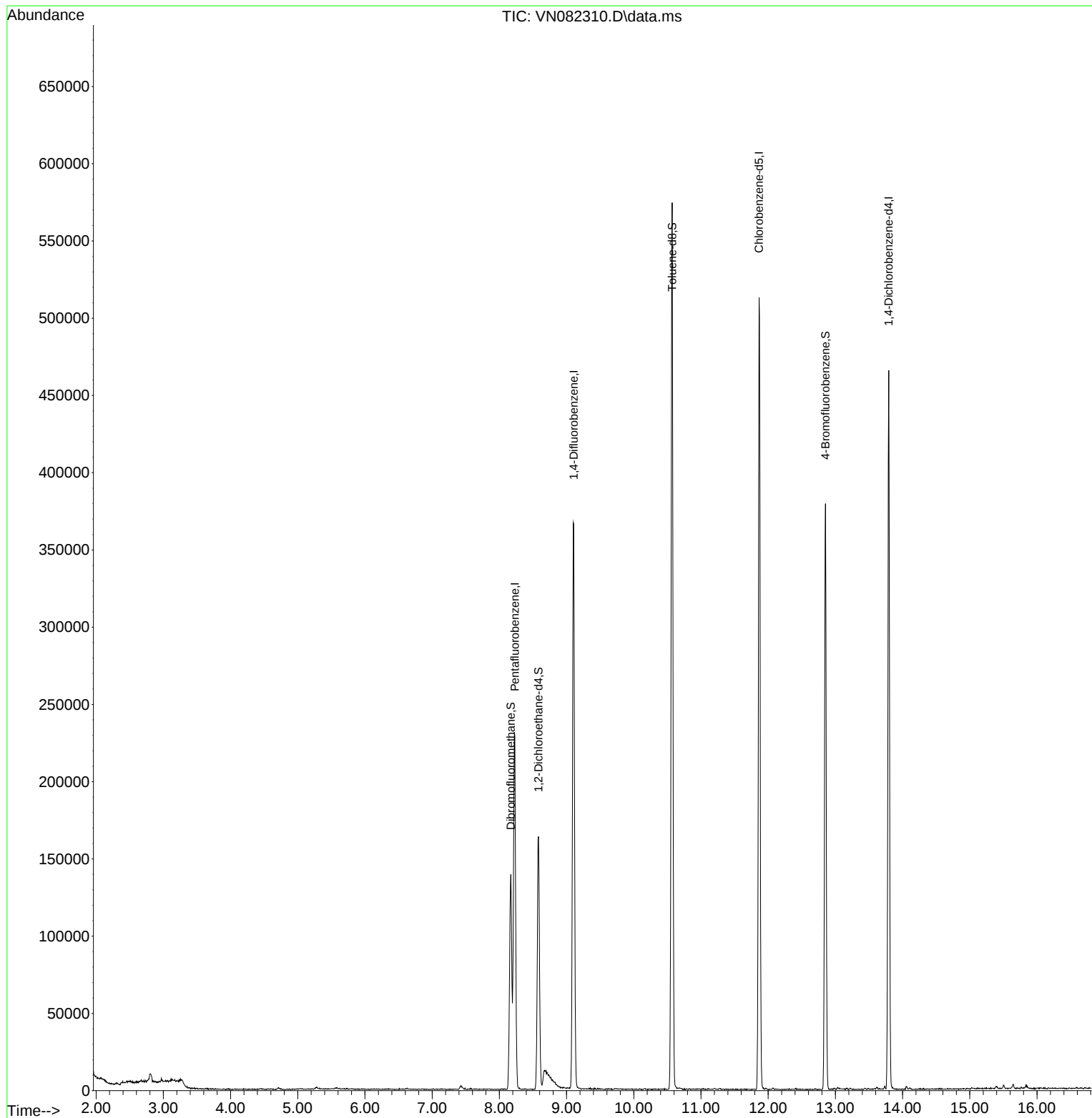
Target Compounds	Qvalue

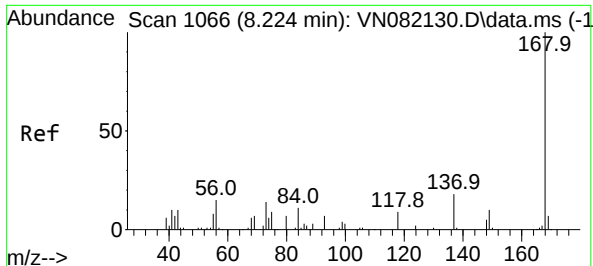
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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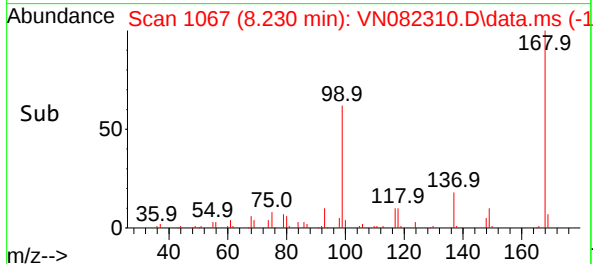
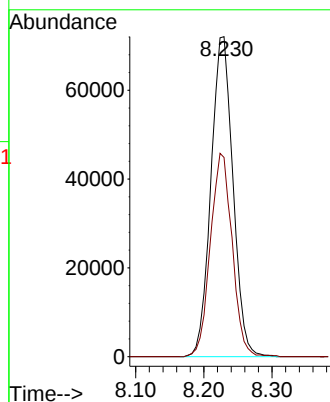
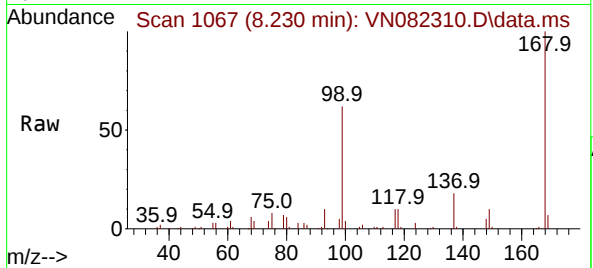




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

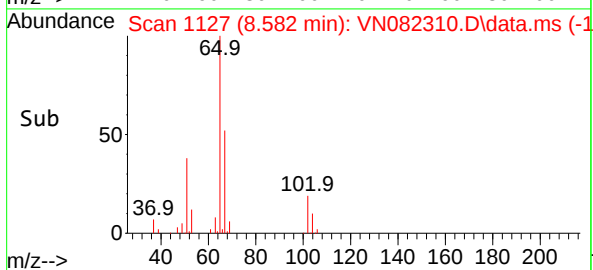
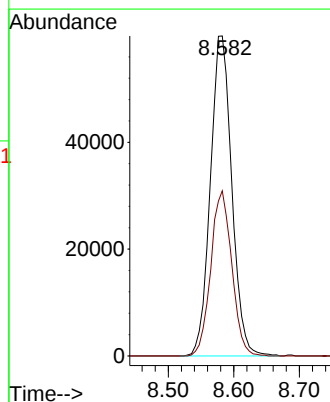
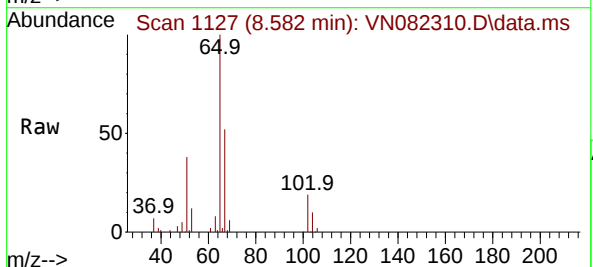
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

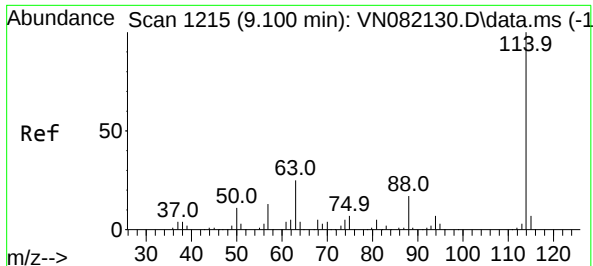
Tgt Ion:168 Resp: 162040
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.161 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

Tgt Ion: 65 Resp: 136021
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0523MBL01

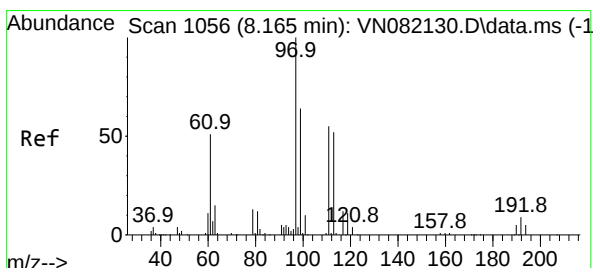
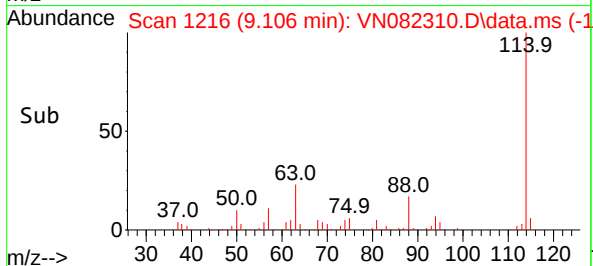
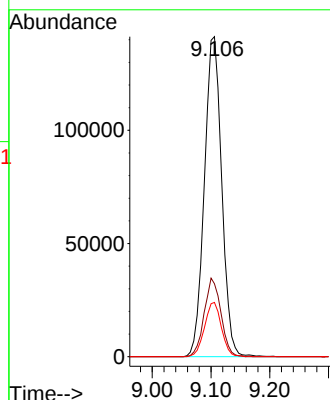
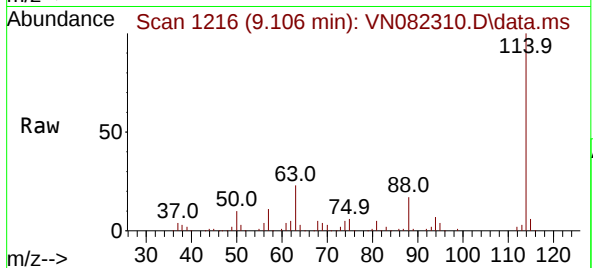
Tgt Ion:114 Resp: 289359

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.0

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.835 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082310.D

Acq: 23 May 2024 10:30

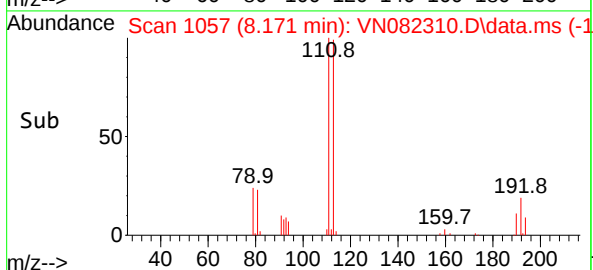
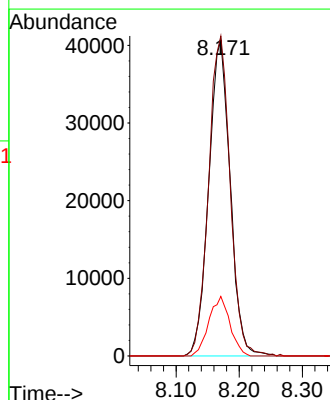
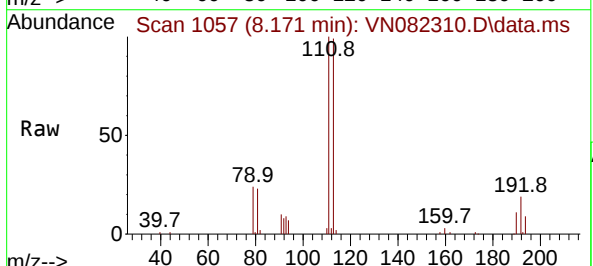
Tgt Ion:113 Resp: 95826

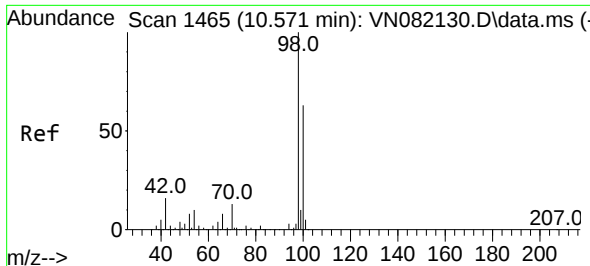
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 18.5 14.0 21.0

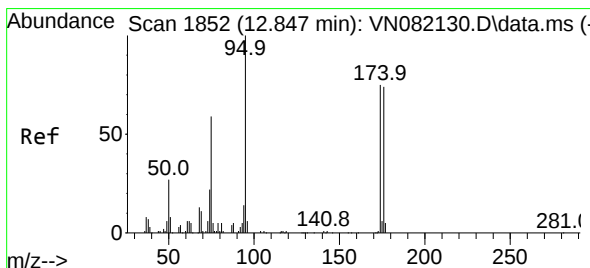
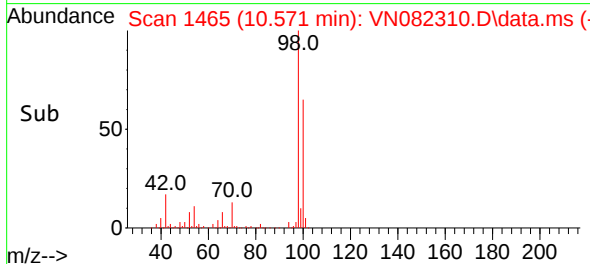
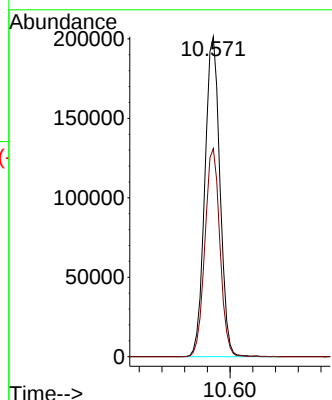
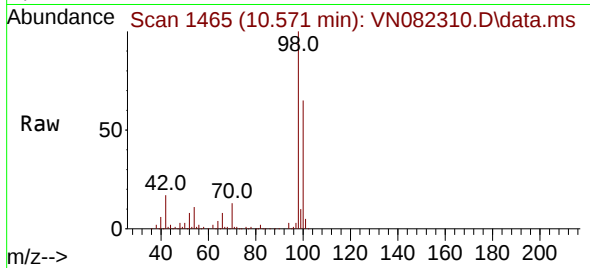




#50
Toluene-d8
Concen: 54.196 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

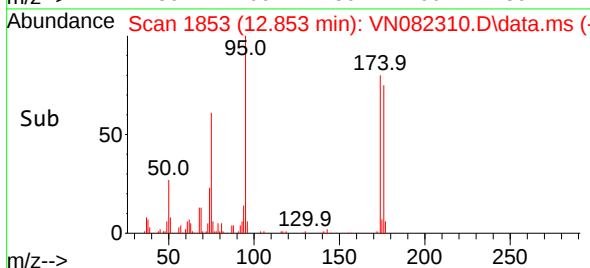
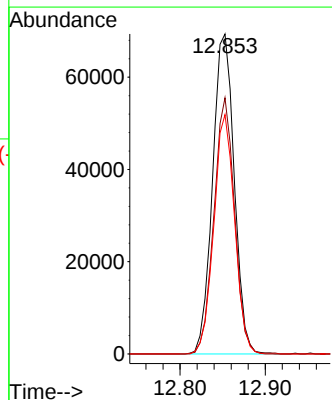
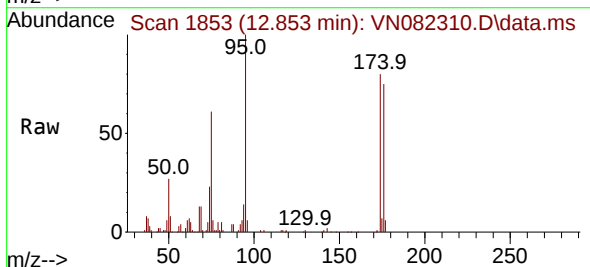
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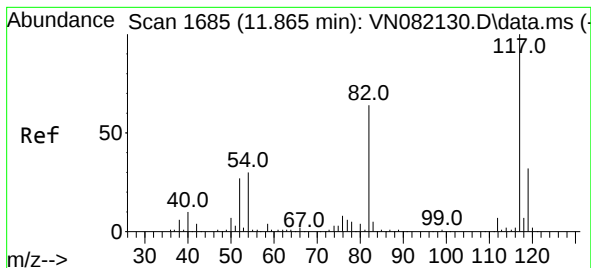
Tgt Ion: 98 Resp: 369856
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.231 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

Tgt Ion: 95 Resp: 122351
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 72.0 0.0 152.8

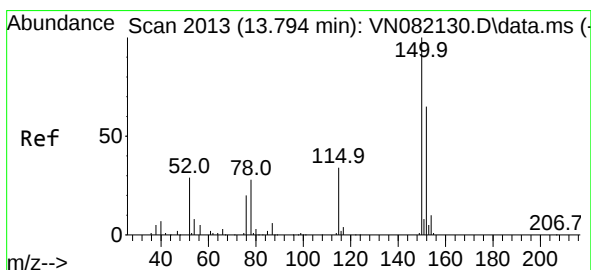
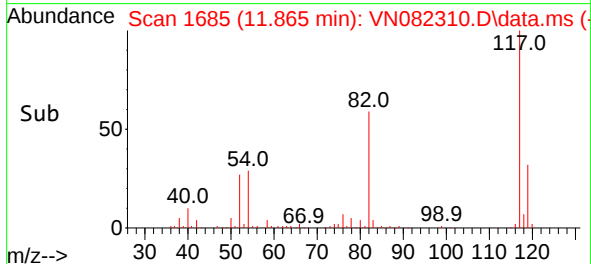
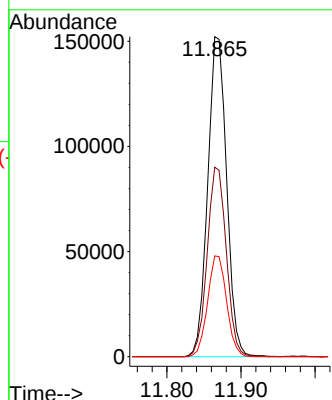
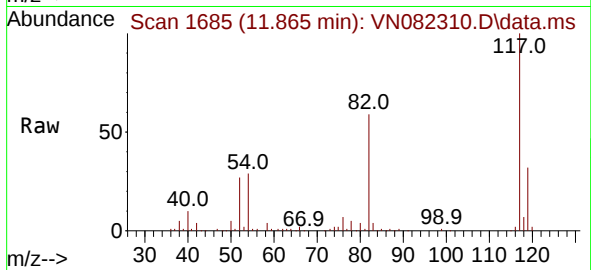




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

Tgt Ion:117 Resp: 269872
Ion Ratio Lower Upper
117 100
82 59.2 44.6 66.8
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082310.D
Acq: 23 May 2024 10:30

Tgt Ion:152 Resp: 112582
Ion Ratio Lower Upper
152 100
115 61.2 30.4 91.3
150 157.9 0.0 353.2

